## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref#        | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|-------------|------|--|---|---------------------|---------|---------------------|
| <b>S</b> 23 | 5400 | catch same latch same<br>door  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME                | ON      | 2009/09/05<br>17:11 |
| <b>S</b> 24 | 68   | S23 and "187".clas.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME                | ON      | 2009/09/05<br>17:11 |
| \$25        | 1064 | S23 same (land\$3 or<br>hoistway or shaft)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME                | ON      | 2009/09/05<br>17:14 |
| <b>S</b> 26 | 50   | S25 and "187".clas.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME                | ON      | 2009/09/05<br>17:14 |
| <b>S</b> 27 | 33   | (optical same (sensor or<br>detect\$3 or switch or<br>monitor\$3) same door<br>same (hanger or landing<br>or hoistway or shaft)) and<br>"187".clas.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME                | ON      | 2009/09/07<br>11:36 |
| \$28        | 15   | ("3054475"   "3652312"  <br>"4009767"   "4583092"  <br>"5107964"   "54544447"  <br>"5487448"   "5509505"  <br>"5616895"   "5950767"  <br>"6050369"   "6056088").<br>PN. OR ("6382362").<br>URPN. | US-PGPUB;<br>USPAT; USOCR   | SAME                | ON      | 2009/09/07<br>11:55 |
| <b>S</b> 29 | 15   | (optical same (sensor or detect\$3 or switch or monitor\$3) same door same (hanger))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME                | ON      | 2009/09/07<br>12:00 |

| S30         | 15   | S29 not S28   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2009/09/07<br>12:00 |
|-------------|------|---|---|------|-----|---------------------|
| S31         | 2695 | fully same clos\$3 same<br>(sensor or detect\$3 or<br>monitor\$3) same door   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2009/09/07<br>12:03 |
| S32         | 165  | S31 and "187".clas.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2009/09/07<br>12:03 |
| S33         | 414  | S31 same (optical or light)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2009/09/07<br>12:03 |
| S34         | 35   | S33 and "187".clas.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2009/09/07<br>12:04 |
| S35         | 16   | ("5476157"   "5616895"  <br>"5644111"   "5712458"  <br>"6382362"   "6443265"  <br>"6467585"   "6550585"  <br>"6591947"   "6603398"  <br>"6626268"   "6732839").<br>PN. OR ("6945363").<br>URPN. | US-PGPUB;<br>USPAT; USOCR   | SAME | wON | 2009/09/07<br>12:16 |
| S36         | 2815 | ((optical or light) same<br>(sensor or detect\$3 or<br>switch or monitor\$3)<br>same door same<br>(hoistway or shaft or<br>landing))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2009/09/07<br>12:24 |
| <b>S</b> 37 | 40   | S36 same hanger   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2009/09/07<br>12:25 |

| S38         | 290 | (hanger same (sensor or<br>detect\$3 or switch or<br>monitor\$3) same door<br>same (hoistway or shaft<br>or landing))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2009/09/07<br>12:28 |
|-------------|-----|--|---|------|----|---------------------|
| <b>S</b> 39 | 60  | S38 and "187".clas.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2009/09/07<br>12:28 |
| S40         | 58  | S38 same clos\$3 same<br>state   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2009/09/07<br>12:29 |
| S41         | 146 | ((interlock\$3) same<br>(detect\$3 or sensor) same<br>door same (hoistway or<br>shaft or landing))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2009/09/07<br>12:32 |
| S42         | 27  | S41 and "187".clas.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2009/09/07<br>12:32 |
| S43         | 106 | ("1887209"   "1947079"   "2109361"   "2193609"   "2227147"   "2417092"   "2631273"   "2806555"   "2900521"   "2909767"   "3091760"   "3168164"   "3176797"   "3207266"   "3370285"   "3461422"   "3545572"   "3605082"   "3609730"   "3641549"   "3644917"   "3742222"   "3745550"   "3746863"   "3760397"   "3773145"   "3816745"   "3825745"   "3857466"   "3903996"   "3914753"   "4009389"   "4052716"   "4067416"   "4092636"   "4108281"   "4207466"   "4266124"   "4326197"   "4384280"   "4399430"   "4460066"   "4479053"   "4507654"   "4520343"   "4581526" | US-PGPUB;<br>USPAT; USOCR   | SAME | ON | 2009/09/07          |

|     |      | "4590410"   "4644329"   "4716992"   "4733081"   "4742337"   "4839631"   "4879461"   "4893005"   "4897630"   "4910464"   "4942385"   "4973837"   "4976337"   "4987402"   "5015840"   "5025895"   "5053616"   "5138150"   "5149921"   "5202540"   "5283400"   "5347094"   "5443142"   "5476157"   "5487448"   "Re33668"). PN. OR ("5644111"). URPN. |   |      | онивничний в применений в приме |                     |
|-----|------|---|---|------|--|---------------------|
| S44 | 2576 | ((light or photoelectric)<br>same (sensor or detect\$3<br>or switch or monitor\$3)<br>same door same<br>(hoistway or shaft or<br>landing))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON   | 2009/09/07<br>12:54 |
| S45 | 37   | S44 same hanger   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON   | 2009/09/07<br>12:54 |
| S46 | 3    | S45 and "187".clas.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON   | 2009/09/07<br>12:54 |
| S47 | 3    | 187/336,337,339.ccls.<br>and @pd>"20090301"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON   | 2009/09/07<br>13:05 |

## **EAST Search History (Interference)**

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## 9/7/2009 2:30:46 PM

 $\textbf{C:} \ \textbf{Documents and Settings} \\ \ \textbf{kchan1} \\ \ \textbf{My Documents} \\ \ \textbf{EAST} \\ \ \textbf{Workspaces} \\ \ \textbf{10578612\_interlock device.wsp}$